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Glenn P. Ladwig  
Glenn P. Ladwig, Patent Attorney

REQUEST FOR CERTIFICATE OF  
CORRECTION UNDER 37 CFR 1.322

Docket No. GJE-53X

Patent No. 6,734,025

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Mikhail Sergeevich Shchepinov, Edwin Mellor Southern  
Issued : May 11, 2004  
Patent No. : 6,734,025  
For : Method for Calibrating Mass Spectrometers With Trityl Mass-Tags

MS Certificate of Corrections Branch

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Certified  
JUN 17 2004  
of Correction

REQUEST FOR CERTIFICATE OF CORRECTION  
UNDER 37 CFR 1.322 (OFFICE MISTAKE)

Sir:

A Certificate of Correction (in duplicate) for the above-identified patent has been prepared and is attached hereto.

In the left-hand column below is the column and line number where errors occurred in the patent. In the right-hand column is the page and line number in the application where the correct information appears.

The applicants note that Edwin Mellor Southern is not named as an inventor on the patent. The applicants submitted a Petition to Add Inventor under 37 C.F.R. §1.48(a) and accompanying documents on June 4, 2003, copies of which are attached hereto. The applicants respectfully request that Edwin Mellor Southern be added as an inventor on the patent. In addition, Mikhail Sergeevich Shchepinov is a Russian citizen, not a U.S. citizen, as correctly indicated on the Declaration (37 C.F.R. §1.63) submitted by the applicants on October 18, 2001, a copy of which is also attached.

**Patent Reads:**Column 6, line 41:

“and recording”

Column 6, line 55:“unsubstituted C<sub>2</sub>-C<sub>20</sub>”Column 7, line 33:

“the slops of”

**Application Reads:**Claim 1, line 7:

--recording--

Claim 3, line 2:--unsubstituted C<sub>1</sub>-C<sub>20</sub>--Claim 17, line 3:

--the steps of--

**Patent Reads:**Column 7, line 40 through Column 8, line 23

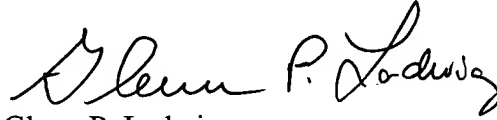
“A method of measuring the molecular mass of a compound Y of unknown molecular mass comprising  
estimating the expected molecular mass of compound Y, selecting at least one calibration compound of Formula (I) R-X having a predetermined molecular weight close to the expected molecular weight of the compound Y, in which R is a trityl group and X is cleavable to form a charged species for mass spectrometry;  
A method of measuring the molecular mass of a compound Y of unknown molecular mass comprising  
estimating the expected molecular mass of compound Y, selecting at least one calibration compound of Formula (I) R-X having a predetermined molecular weight close to the expected molecular weight of the compound Y, in which R is a trityl group and X is cleavable to form a charged species for mass spectrometry;  
and subjecting both compounds to mass spectrometry simultaneously to obtain the measured molecular weight of compound Y and the at least one calibration compound of Formula (I); and comparing the measured molecular weight of compound Y to that of the at least one calibration compound of Formula (I), correcting for any difference between the predetermined molecular weight and the measured molecular weight of the at least one calibration compound Formula (I)”

**Application Reads:**Claim 32, lines 1-11 (renumbered as claim 18):

-- A method of measuring the molecular mass of a compound Y of unknown molecular mass comprising  
estimating the expected molecular mass of compound Y, selecting at least one calibration compound of Formula (I) R-X having a predetermined molecular weight close to the expected molecular weight of the compound Y, in which R is a trityl group and X is cleavable to form a charged species for mass spectrometry;  
subjecting both compounds to mass spectrometry simultaneously to obtain the measured molecular weight of compound Y and the at least one calibration compound of Formula (I); and comparing the measured molecular weight of compound Y to that of the at least one calibration compound of Formula (I), correcting for any difference between the predetermined molecular weight and the measured molecular weight of the at least one calibration compound Formula (I).--

Approval of the Certificate of Correction is respectfully requested.

Respectfully submitted,



Glenn P. Ladwig

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GPL/mv

Attachments: Certificate of Correction in duplicate  
Copy of June 4, 2003 Petition to Add Inventor under 37 CFR §1.48(a)  
and accompanying documents  
Copy of October 18, 2001 Declaration (37 C.F.R. §1.63)

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

Page 1 of 3

PATENT NO. : 6,734,025  
DATED : May 11, 2004  
INVENTORS : Mikhail Sergeevich Shchepinov, Edwin Mellor Southern

It is certified that errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Page 1, section (75) "Inventor: **Mikhail Sergeevich Shchepinov**, San Diego, CA (US)"

should read -- Inventors: **Mikhail Sergeevich Shchepinov**, San Diego, CA (RU);  
**Edwin Mellor Southern**, Oxford, (GB)"--

Column 6

Line 41, "and recording" should read --recording--.

Line 55, "unsubstituted C<sub>2</sub>-C<sub>20</sub>" should read --unsubstituted C<sub>1</sub>-C<sub>20</sub>--.

Column 7

Line 33, "the slops of" should read --the steps of--.

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PATENT NO. 6,734,025

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17 JUN 2004

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

Page 2 of 3

PATENT NO. : 6,734,025

DATED : May 11, 2004

INVENTORS : Mikhail Sergeevich Shchepinov, Edwin Mellor Southern

It is certified that errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 7, line 40 through Column 8, line 23

“18. A method of measuring the molecular mass of a compound Y or unknown molecular mass comprising

estimating the expected molecular mass of compound Y, selecting at least one calibration compound of Formula (I) R-X having a predetermined molecular weight close to the expected molecular weight of the compound Y, in which R is a trityl group and X is cleavable to form a charged species for mass spectrometer;

A method of measuring the molecular mass of a compound Y of unknown molecular mass comprising

estimating the expected molecular mass of compound Y, selecting at least one calibration compound of Formula (I) R-X having a predetermined molecular weight close to the expected molecular weight of the compound Y, in which R is a trityl group and X is cleavable to form a charged species for mass spectrometry;

and subjecting both compounds to mass spectrometry simultaneously to obtain the measured molecular weight of compound Y and the at least one calibration compound of Formula (I); and comparing the measured molecular weight of compound Y to that of the at least one calibration compound of Formula (I), correcting for any difference between the predetermined molecular weight and the measured molecular weight of the at least one calibration compound Formula (I)”

continued on page 3...

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Page 3 of 3

PATENT NO. : 6,734,025  
DATED : May 11, 2004  
INVENTORS : Mikhail Sergeevich Shchepinov, Edwin Mellor Southern

continued from page 2

should read:

--18. A method of measuring the molecular mass of a compound Y of unknown molecular mass comprising  
estimating the expected molecular mass of compound Y, selecting at least one calibration compound of Formula (I) R-X having a predetermined molecular weight close to the expected molecular weight of the compound Y, in which R is a trityl group and X is cleavable to form a charged species for mass spectrometry;  
subjecting both compounds to mass spectrometry simultaneously to obtain the measured molecular weight of compound Y and the at least one calibration compound of Formula (I); and comparing the measured molecular weight of compound Y to that of the at least one calibration compound of Formula (I), correcting for any difference between the predetermined molecular weight and the measured molecular weight of the at least one calibration compound Formula (I).--

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